

Soils/Vegetation/Land Use

(possible concerns)

Steam crossings no

High erosion potential no –Flat cultivated land

Loss of soil productivity no- will be reclaimed to cultivation Unusually large
wellsite no- 200x300' Damage to improvements no

Conflict with existing land use/values temporary

Mitigation

___ Avoid improvements (topographic tolerance)

___ Exception location requested

x Stockpile topsoil

___ Stream Crossing Permit (other agency review)

x Reclaim unused part of wellsite if productive

___ Special construction methods to enhance reclamation

Other

Comments: private cultivated surface

Health Hazards/Noise

(possible concerns)

Proximity to public facilities/residences about 0.8 miles south Possibility of H2S
small quantities possible

Size of rig/length of drilling time

Mitigation:

_x Proper BOP equipment

___ Topographic sound barriers

____ H2S contingency and/or evacuation plan

Special equipment/procedures requirements

Other: _____

Comments: shallow Madison oil test no special concerns

Wildlife/recreation

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified) n/a _____ Proximity to recreation sites none _____ Creation of new access to wildlife _____

habitat no Conflict with game range/refuge management no

Threatened or endangered Species Listed endangered or threatened are the Piping Plover, Grizzly Bear, and Canada Lynx. Candidate species are Sprague's Pipit and Whitebark Pine. MTFWP Natural Heritage Tracker website lists one (1) species of concern: Ferruginous Hawk. 4 potential species of concern: Hayden's Shrew, Brook Stickleback, Brassy Minnow, and Burbot

Mitigation:

Avoidance (topographic tolerance/exception)

Other agency review (DFWP, federal agencies, DSL)

Screening/fencing of pits, drillsite

Other:

Comments: no concerns

Historical/Cultural/Paleontological

(possible concerns)

Proximity to known sites none known

Mitigation

avoidance (topographic tolerance, location exception)

other agency review (SHPO, DSL, federal agencies)

Other:

Comments: No known sites, private property –surface owner controls disposition of any cultural artifacts

Social/Economic

(possible concerns)

Substantial effect on tax base

Create demand for new governmental services

Population increase or relocation

Comments: no concerns

Remarks or Special Concerns for this site

3000' Madison oil test, no special concerns

Summary: Evaluation of Impacts and Cumulative effects

Minor impacts dues to surface construction, no long term impacts unless production is established. Wellsite will be reclaimed if dry hole and reduced to operational area for producing well.

I conclude that the approval of the subject Notice of Intent to Drill (does/**does not**) constitute a major action of state government significantly affecting the quality of the human environment, and (does/**does not**) require the preparation of an environmental impact statement.

Prepared by (BOGC): John Gizicki
(title:) Compliance Specialist

Date: April 11, 2014

Other Persons Contacted:

_MT Cadastral Website_____

(Name and Agency)

_____ownership, topo map and aerial photo_____

(subject discussed)

April 11, 2014_____

(date)

If location was inspected before permit approval:

Inspection date: _____

Inspector: _____

Others present during inspection: _____